UT30MK2 & MT30
Unmanned and Manned Turrets

Combat-proven firepower for armored personnel carriers, fully overhead without compromising troop safety

Elbit Systems™ Land

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Elbit Systems' UT30MK2 is a configurable unmanned turret, adding highly effective firepower to armored personnel carriers (APCs) without compromising troop safety. Based on the success of our fully combat-proven turrets in use by numerous armed forces around the world, the UT30MK2 is the latest generation turret system developed by Elbit Systems. The modular design enables unmanned and manned turret configurations with easy conversion. Designed with a very low profile, the UT30MK2 encompasses a broad range of weapon systems, countermeasures and advanced electro-optics, all developed in-house, to deliver reliable, high performance firepower on the battlefield.

Configurable for maximum effectiveness: The UT30MK2 armament includes the ATK MK44 ABM 30 mm gun and a 7.62 mm coaxial machine gun delivering the highest first-round and burst hit probability on the market. ATGM (Anti-Tank Guided Missiles) are fully integrated with the Turret and Turret Fire Control System, Laser Warning System (LWS) and optional Smoke Grenade Launcher System (SGL). The turret's modular design enables other armament alternatives to be supported and integrated.

Armor-protected for crew safety: Fully overhead with no deck penetration, the UT30MK2 does not compromise the vehicle's armor protection and preserves existing space within the vehicle. The UT30MK2 provides enhanced situational awareness under closed hatches and is easily adaptable to a wide range of new and existing vehicles. With electro-optics designed specifically for land applications and full ballistic protection, the UT30MK2 offers under-armor reload capability, back-up operation and immediate action capabilities.

High performance firepower: The dual-axis stabilized UT30MK2 is designed for firing on both stationary and on-the-move targets. The advanced fire control system enables effective day, night and all-weather operations. The option of individual gunner and panoramic commander sights – each independently stabilized – enables hunter-killer capability. Adding to its effectiveness, the unmanned turret is also fully air burst munition (ABM) capable and operational.

Combat-proven: Elbit Systems is a world leader in the area of unmanned turrets. The company's combat-proven solutions are integrated in a range of infantry fighting vehicles in use by numerous armed forces around the world (NATO and others).

Unmanned and manned configurations: The UT30MK2 can be easily converted to the manned configuration. All subsystems are identical and deliver full modularity and equivalent capabilities. This option enables the customer to tailor a manned or unmanned solution for its platform fleet.

Armor-protected for crew safety

High performance firepower

Combat-proven

Configurable for **maximum** lethality

Unmanned and manned configurations

Advanced Sub-Systems

The UT30MK2 turret is comprised of advanced sub-systems, all developed and manufactured in house by Elbit Systems.

- **Advanced Fire Control System (FCS):** The main turret computer, multi-functional displays, and turret sensors calculate the optimized firing data for excellent hit probability in all scenarios, including static and dynamic vehicle and target.
- **Electrical Drive Stabilized System (EDSS):** including turret power drives for elevation and traverse, gunner and commander handles, the EDSS also includes gun and turret gyros for autonomous stabilization.
- **Gunner and Commander Sights:** Comprising day HD TV and thermal cameras, the sights are fully stabilized for advanced stabilization capability and feature two independent automatic target trackers (ATTs) for improved hit probability and target engagement.
- **Battle Management System (BMS):** The UT30MK2 turret is fully integrated and interoperable with Elbit Systems' or the customer's BMS.
- **Protection systems:** Smoke grenade launchers and laser warning systems are fully integrated to the turret control and fire control systems enabling fast response to different threats levels with variety of reaction levels up to automatic turret movements, automatic smoke grenades discharge and firing.

Operational Benefits

- Effective firepower for APCs
- Configurable protection, with all explosives and electro-optics housed inside the armor protected turret
- A broad range of weapon systems, countermeasures and advanced electro-optics
- Fully overhead, preserving the vehicles' existing space and armor protection
- High first round and burst hit probability
- Hunter-killer capability, with independent sights and controls for the commander and gunners
- Enhanced situational awareness under closed hatches
- Suitable for vehicle upgrades and new vehicles
- Combat-proven
- Cost-effective maintenance

HIGH PERFORMANCE
firepower on the battlefield

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Key Features

- Dual-axis stabilized for firing on the move and at moving targets
- Under armor reload capability
- Under armor immediate actions and manual back up operation
- Advanced optics, gun and sights stabilization
- No hull penetration - armament and observation systems fully operational from within the APC
- Modular ballistic protection (STANAG 4569 Level 2, 3, 4 or 6)
- Autonomous pedestals - Turret, Gunner Sight and Commander Panoramic Sight (CPS)
- Smoke Grenade Launchers and Laser Warning System option
- Air Burst Ammunition (ABM) support for ground and low flying aerial targets
- Anti-Tank Guided Missile (ATGM) system support
- Provision for several main gun options

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